Borough of New Windsor.

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

AND THE

INSPECTOR OF NUISANCES

FOR THE YEAR 1903.

Windsor

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ANNUAL REPORT

OF

THE MEDICAL OFFICER OF HEALTH

FOR THE YEAR, 1903.

To the Mayor, Aldermen, and Councillors of the Borough of New Windsor.

Gentlemen,

Population

The population of the Borough of Windsor, at Midsummer, 1903, was, according to my estimate, 13,557 persons, of whom 1,147 were resident in the Barracks.

Births.

The number of *births* registered during the year was 275, and was 32 below the mean number for the preceding ten years. The birth-rate, per 1,000 persons living, was 20·3, while that for England and Wales was 28·4, and these rates were in both cases the lowest on record.

Deaths.

The number of *deaths*, corrected in respect of those which occurred in the Union Workhouse and in the Royal Infirmary, was 158, being 26 below the mean number for the preceding ten years.

Death Rate.

The death-rate was 11·7 per 1,000 persons living. This number, however, requires correction for abnormality of age distribution in the local population, and the resulting figure, 12·9, may be compared with 15·4, which represents the rate for England and Wales.

Of Infants.

Of *infants*, in their first year of life, 26 died, which is in the proportion of 94·5 of every 1,000 born. The corresponding rate throughout England and Wales was 132.

Of children, under five years old, the rate of mortality was 31·5 to 1,000 living.

Zymotic Diseases.

The seven principal *zymotic diseases* caused 7 deaths, of which 5 were due to whooping-cough and 2 to diarrhœa.

Measles.

No cases of *measles* came to my knowledge.

Diphtheria.

Of *diphtheria* only one very doubtful case was notified.

Scarlet Fever.

Scarlet fever also was almost absent, only 2 cases having been notified. This disease has been for many years past of less than average frequency in Windsor and of the mildest character, the total number of deaths which have been attributed to it in ten years being 2 only.

Enteric Fever.

Of *enteric fever* 3 cases were notified, not including cases admitted into the Royal Infirmary from without the district. This disease, also, is of less than average frequency in Windsor. Eight deaths during ten years have been attributed to it.

Whooping Cough.

Whooping-cough was epidemic during the summer and autumn.

Small pox was introduced into the Borough by a man from Cambridge in July. He infected, in the small lodging house where he slept, two other men who had foolishly refused to allow themselves to be re-vaccinated. The three patients were promptly removed to the Small Pox Hospital and all recovered. **Small-pox**

The condition of these men as regards vaccination was as follows :—

W.N. at 40—3 good marks—attack the mildest possible.
R.D. at 32—1 good mark—attack mild, disease modified.
W.Y. at 46—1 very faint mark—attack severe, semi-confluent.

The hospital was in use from July 22nd to Sept. 26th, and proved, as on former occasions, in all respects sufficient for its purpose and satisfactory.

It was certainly by good fortune that the town escaped the danger of a serious epidemic, and the circumstances afford an illustration of the imperfection of the powers for dealing with an outbreak of the kind which the existing law confers upon Sanitary Authorities. Here were four or five persons known to have been exposed to infection and to be insufficiently protected by vaccination. There was probably yet time to prevent the development of the disease, but I could not compel them either to submit to re-vaccination or to remain in seclusion, and consequently two of them had to be treated at a considerable cost to the public, and great risk of an epidemic was incurred.

Diarrhœa was fatal in two cases only. This disease as is well known, is much influenced by conditions of weather and is always comparatively infrequent in wet summers. No doubt this fact is attributable, at least in **Diarrhœa.**

part, to the beneficial effect of rain in washing the surface of the ground and preventing the dissemination of septic germs by the agency of dust. We may therefore expect much good to result from the lavish use of water on the roads and court yards.

Phthisis.

The mortality from *phthisis* showed a decline. The disease caused 12 deaths, against an average of 17·6 for the preceding ten years. Ten years ago the mean annual mortality stood at about 21. A continued diminution in the prevalence of this disease may be confidently looked for as the sanitary precautions proper for its control become more generally recognized. The enaction of a bye-law against spitting on footpaths or the floors of covered places seems to me desirable, and I should be glad to receive prompt notice of the death or removal of consumptive patients, with the view to the disinfection of the rooms they had occupied.

Inspections.

I have made the usual systematic inspections of the district, and have received from the Sanitary Inspector weekly reports of nuisances observed and dealt with by him. During the year 146 such cases of nuisance or sanitary defect were so reported to me, and, with the exception of about half a dozen cases in which no further action appeared to be requisite, all the nuisances were abated, or, in a few cases, the houses were closed.

Housing Working Classes Act.

I had occasion to make "Representations" under Pt. 11, H.W. Cl. Act regarding 5 houses that were in my opinion unfit for habitation. These were all closed voluntarily by the owners.

In addition to these five houses, one of which was a Common Lodging House others have been closed and are about to be demolished for the purpose of clearing a space for the enlargement of the barracks. The number

of houses which are being vacated for this purpose is between 60 and 70, and much hardship must have been caused to their former occupants. The Report of the Sanitary Inspector shows, as was anticipated, a considerable increase in the number of cases of overcrowding discovered during the year. The houses referred to were not, for the most part, acquired under compulsory powers, but nevertheless it is, as it seems to me, clearly the duty of the authority by whom this clearance was made to provide accommodation of a suitable class for those who have been turned out of their homes.

Water Supply.

Samples of water from the public waterworks were submitted to chemical and bacteriological examination on five occasions during the year, and the results were very satisfactory.

Food.

No case of the sale of unwholesome food came under my observation during the year.

Schools, Sickness in.

A regulation has been made by the Education Authority under which I hope to receive useful information of the occurrence of infectious sickness among the scholars of the elementary schools.

Joint Hospital Board.

A joint Board for the provision and management of an "Isolation Hospital" has been formed by the Sanitary Authorities of the Windsor Urban and Rural and Egham districts, and, unless some unforeseen obstacle is met with, this long-considered project will shortly be accomplished. And, in the meanwhile, it must be a satisfaction to you to be assured that no detriment to the public health has, during the last twenty years, resulted from the want of such an institution, and that cases of serious inconvenience have been rarely met with.

New Houses.

Sixteen New Houses were completed during the year. The amended Bye-laws for the regulation of New Buildings and the revised Code of Dairies and Milkshops Regulations are not yet in force.

FACTORY AND WORKSHOPS ACT.

The duties imposed upon the Sanitary Authority by this Act have been carried out, under my supervision, by Mr. T. V. Davison, the Inspector appointed for the purpose. He reports that he visited and inspected 225 Work-shops and Work-places, and discovered 23 sanitary defects, all of which were afterwards remedied.

Statistical tables, as prescribed by the Local Government Board, are appended.

I have the honour to be,

Mr. Mayor and Gentlemen,

Your obedient Servant,

EDWARD CASEY.

PARK STREET,
February 17th, 1904.

TABLE I.—Vital Statistics of Whole District during 1903 and Previous Years.

Year.	Population estimated to Middle of each Year.	Births.		Total Deaths Registered in the District.				Total Deaths in Public Institutions in District.	Deaths of Non-Residents registered in District.	Deaths of Residents registered beyond District.	Nett Deaths at all Ages belonging to the District.	
				Under 1 Year of Age.		At all Ages.						
		Number.	Rate.*	Number.	Rate per 1,000 Births Register'd	Number.	Rate.*				Number.	Rate.*
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.
1893	12528	306	24·5	41	134	201	16.0	25	15	8	194	15·5
1894	12618	309	24·5	31	100	190	15·1	29	20	15	185	14·7
1895	12711	325	25·6	42	129	193	15·1	23	13	14	195	15·3
1896	12803	298	23·3	34	114	166	13·0	14	7	9	168	13·1
1897	12896	305	23·7	30	98	164	12·7	27	19	20	165	12·8
1898	12990	303	23·3	53	175	203	15·6	19	13	16	206	15·8
1899	13085	311	23·8	32	103	170	13·0	15	8	26	188	14·4
1900	13886	268	19·2	23	88	184	13·2	19	12	12	184	13·3
1901	13983	320	22·8	28	88	184	13·2	31	22	14	176	12·6
1902	14080	323	22·9	28	87	187	13·3	25	21	12	178	12·6
Averages for Years 1893-1902.	13158	306·8	23·3	34·2	111·5	184·2	14·0	22·7	15	14·6	183·9	14·0
1903	13557	275	20·3	26·0	94·5	163	12·0	36	28	23	158	11·7

* Rates in Columns 4, 8, and 13, calculated per 1,000 of estimated population.

Note.—The deaths to be included in Column 7 of this table are the whole of those registered during the year as having actually occurred within the district or division. The deaths to be included in Column 12 are the number in Column 7, corrected by the substraction of the number in Column 10 and the addition of the number in Column 11.

By the term "Non-residents" is meant persons brought into the district on account of sickness or infirmity, and dying in public institutions there; and by the term "Residents" is meant persons who have been taken out of the district on account of sickness or infirmity, and have died in public institutions elsewhere.

Area of District in acres (exclusive of area covered by water), 2,702.

Total population at all ages..... 13,958
Number of inhabited houses 2,497
Average number of persons per house 5·59
} At Census of 1901

TABLE III.

Cases of Infectious Disease notified during the Year 1903.

Cases Notified in Whole District.	
Notifiable Disease.	At all Ages.
Small-pox	3
Cholera	0
Diphtheria	1
Membranous Croup	0
Erysipelas	4
Scarlet Fever	2
Typhus Fever	0
Enteric Fever	3
Relapsing Fever	0
Continued Fever	0
Puerperal Fever	0
Plague	0
Totals	13

TABLE IV.

Table of Deaths during the year 1902, in the Windsor Urban District, classified according to Diseases, Ages, and Localities.

Causes of Death.	Deaths in or belonging to whole District at Subjoined Ages.							Total Deaths in Public Institutions in the District.
	All ages.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	
Small-pox	0	...	...	...	...	..	...	...
Measles	0	...	...	...	...	..	...	...
Scarlet Fever	0	...	..	...	..	..	...	...
Whooping-cough ...	5	4	1	...	...	...	...	...
Diphtheria & Membranous Croup	0	...	...	...	...	..	...	...
Croup	0	...	...	...	...	...	...	..
Fever: Typhus	0	...	..	...	...	...	...	...
Fever: Enteric	0	...	...	...	...	...	...	..
Fever: Other continued ...	0	..	...	...	...	...	...	...
Epidemic Influenza ...	2	..	...	...	...	...	2	...
Cholera	0	...	...	...	...	...	...	...
Plague	0	...	...	...	...	...	...	...
Diarrhœa	2	2	...	...	...	...	..	...
Enteritis	1	1	...	...	...	...	...	...
Puerperal Fever	0	...	...	...	...	...	...	...
Erysipelas	0	...	...	..	...	...	...	...
Other Septic Diseases ...	2	...	...	...	1	1	0	1
Phthisis	12	...	...	...	1	8	3	1
Other Tubercular Diseases	8	2	2	1	2	1	0	5
Cancer, Malignant Disease	15	...	...	...	..	10	5	2
Bronchitis	6	1	...	...	...	1	4	...
Pneumonia	10	1	5	...	...	...	4	2
Pleurisy	0	...	...	..	...	...	...	...
Other Diseases of Respiratory Organs	0	...	...	...	...	...	...	...
Alcoholism (Cirrhosis of Liver	4	..	...	...	...	2	2	1
Venereal Diseases ...	2	1	...	...	...	1	...	0
Premature Birth	2	2	...	...	..	...	...	1
Diseases and Accidents of Parturition ...	0	...	...	...	...	...	...	...
Heart Diseases	17	1	..	...	2	7	7	5
Accidents*	4	1	1	...	...	2	...	5
Suicides	0	...	..	...	...	...	...	...
All other causes	66	10	3	2	1	17	33	13
All Causes ...	158	26	12	3	7	50	60	36

In recording the facts under the various headings of Tables I., II., III., and IV., attention has been given to the notes on the Tables.

* Including one case found drowned.

Edward Casey,

Feb. 3rd, 1904. *Medical Officer of Health.*

ANNUAL REPORT OF INSPECTOR OF NUISANCES

For the Year Ending the 31st of December, 1903.

Gentlemen—

I have the honour to present my Report on the Sanitary work of your Inspector.

A house to house inspection has been made of the following localities :—

	Times Inspected.
Albany Road	1
Albion Place	5
Alma Cottages	5
Acre Passage	5
Adelaide Square	2
Acacia Cottages	5
Arthur Road	2
Ann's Court	6
Bridgewater Terrace	5
Barrack Lane	5
Bachelor's Place	5
Bolton Road	1
Bourne Avenue	2
Boundary Terrace	3
Bounty Terrace	3
Cambridge Place	4
Clarence Clump	6
Charles Street Cottages	5
Charles Place	5
Charles Street	5
Dagmar Road	2
Devereux Road	1
Distil House Row	5
Datchet Road	1
Garden Court	7
Goswell Lane	4
Goswell Road	4
Goswell Place	5
Great Western Place	4
Gloucester Place	1
Grove Road	1

	Times Inspected.
Jubilee Cottages	3
James Street	1
King's Road	1
Keppel Row	5
King's Terrace	2
Keppel Street	4
Love Lane	2
Melbourne Cottages	3
New Cottages	4
Oxford Road	2
Osborne Road	1
Peascod Street	1
Peascod Place	2
Providence Place	4
Queen's Road	1
Red Lion Row	6
River Street	4
South Place	5
Sydney Place	5
St. Mark's Road	1
St. Leonard's Road	1
Sheet Street	1
St. Leonard's Avenue	1
Thames Street	1
Temple Road	1
Tolladay Cottages	4
Tolladay Place	4
Union Court	6
Victoria Street	1
Victor Road	1
Victoria Cottages	4

House-to-house inspection of the following number of houses	4061
Other premises	45
Special visitations	72
Re-inspections	347

The following are the defects discovered and remedied :—

House drains unstopped	28
New drains provided	5
House drains ventilated	2
,, ,, intercepted	19
,, ,, reconstructed	7
,, ,, repaired	3
,, ,, tested	10
,, ,, trapped inlets provided...	13
,, ,, soil pipes renewed	7
Water closets unstopped	27
,, ,, ventilated	1
,, ,, flushing apparatus provided	24
,, ,, ,, ,, repaired	31
,, ,, reinstated	16
,, ,, new provided	3
,, ,, foul soil pans cleansed	23
Rainwater pipes and gutters provided	14
,, ,, disconnected from drains	11
Water cisterns cleansed	7
Damp houses improved...	14
Yard pavings amended	21
Roofs of houses repaired	40
Interiors of houses cleansed and lime-whited	55
Nuisances from deposits of dung, &c., abated	12
,, black smoke from chimneys	4
Dung pits provided	1
Keeping Swine abolished	1

Ditches cleansed	2
Dairies and Cowsheds inspected	8
Fishmongers' premises cleansed and improved	3
Common Lodging-houses, times inspected	231
Slaughter-houses, times inspected	156
Overcrowding in houses abated	19
Van dwellers' premises improved	2
Dust bins provided	49
Houses closed, unfit for habitation	6
Information of nuisances to Sanitary Authority	41
Statutory notices served	27
Prosecutions	Nil.
Infectious diseases notifiable	8
,, ,, not notifiable	4
Infected bedding destroyed (lots)	3
Complaints of nuisances	72
Other complaints	77
Canal Boats inspected	6

At intervals of two months a house to house inspection has been made of the poorer parts of the District, and a general inspection of the courts has been made each month.

Since the outbreak of Small-pox in June, daily visits have been paid to the Common Lodging-houses, and enquiries made as to the health of the inmates.

Particular attention has been paid to the Milk Purveyors' premises, and frequent inspections made of the utensils used in the trade.

It will be noted that during the year there has been a considerable increase in the number of informations of nuisances laid before the Authority. The statutory notices promptly following

have met with immediate attention. Generally there has been manifested a willingness to meet the requirements of the Sanitary Authority, and owners of property are voluntarily carrying out sanitary improvements.

I have the honour to be,

Your obedient servant,

S. W. MELLOWS, C.S.I.S.E.,

Sanitary Inspector.

Windsor

Thos E. Luff, Printer, "Chronicle" Office, St. Leonard' Road
and 13, Thames Street.